

Figure 1

Improved glucose tolerance of STZ diabetic rats after INT with Gastrin TGF $\alpha$

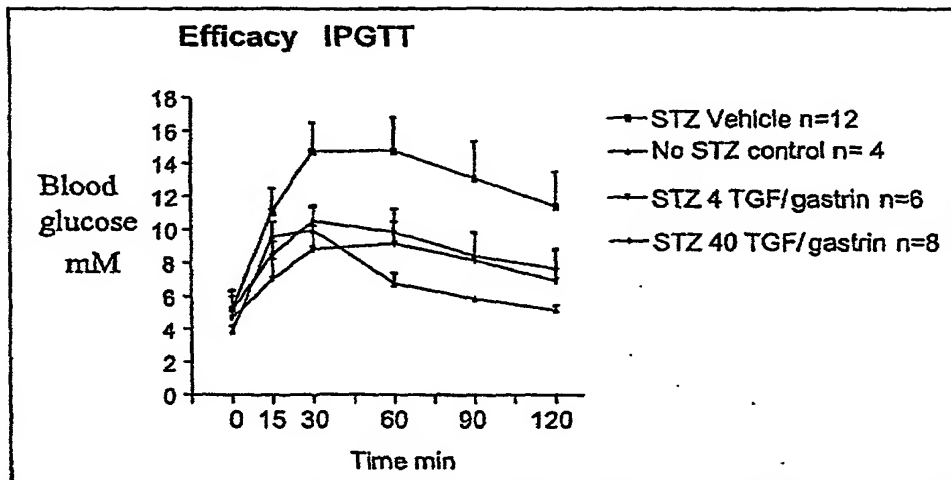


Figure 2

Increased insulin release in INT treated rats

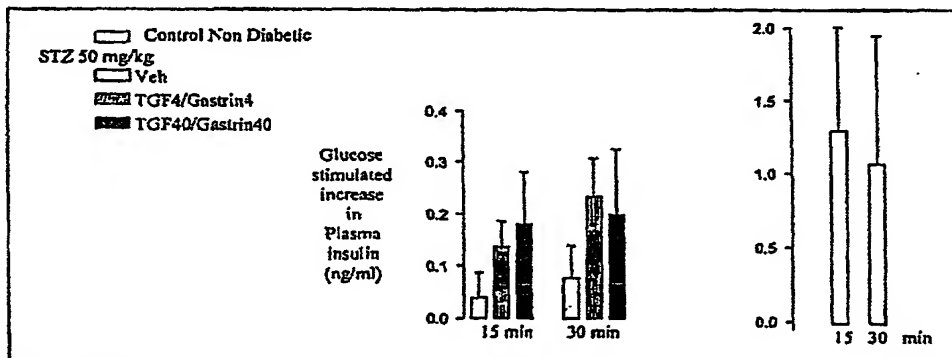
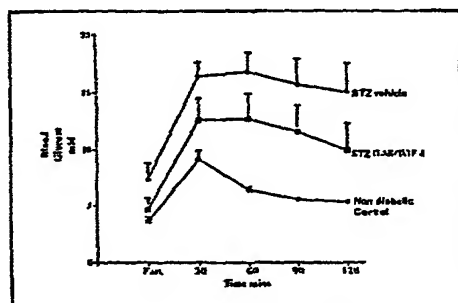
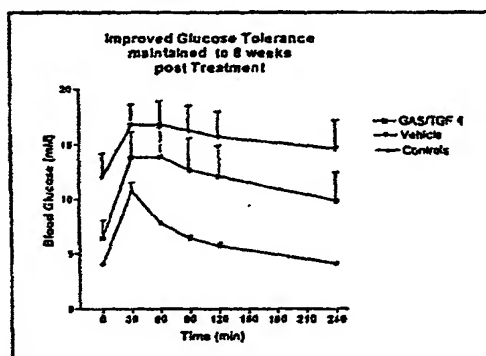


Figure 3 Prolonged Improvement in Glucose Tolerance to 8 weeks



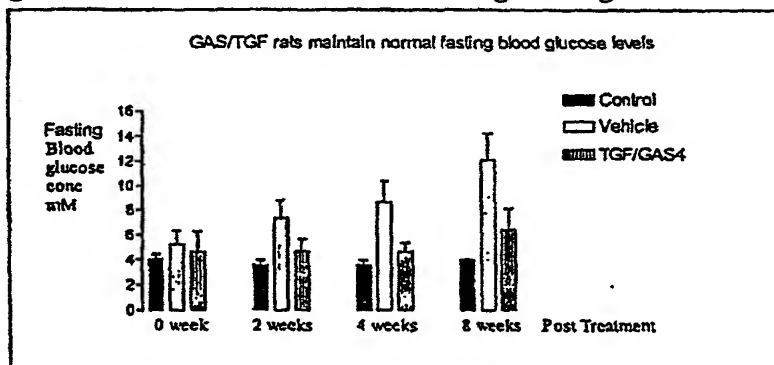
Mean  $\pm$  SE n=8 or greater

2 weeks after Treatment

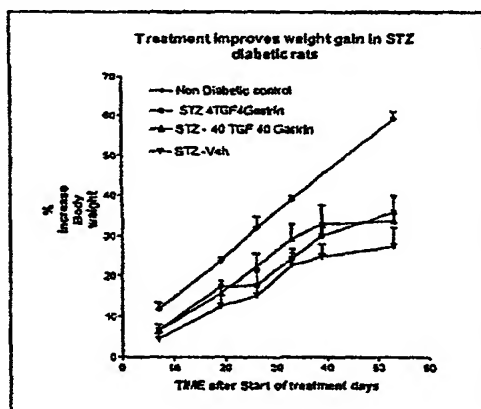


8 weeks after Treatment

**Figure 4 INT maintains normal fasting blood glucose levels**



**Figure 5 INT gives sustained improvement in growth of diabetic rats for at least 8 weeks after treatment**



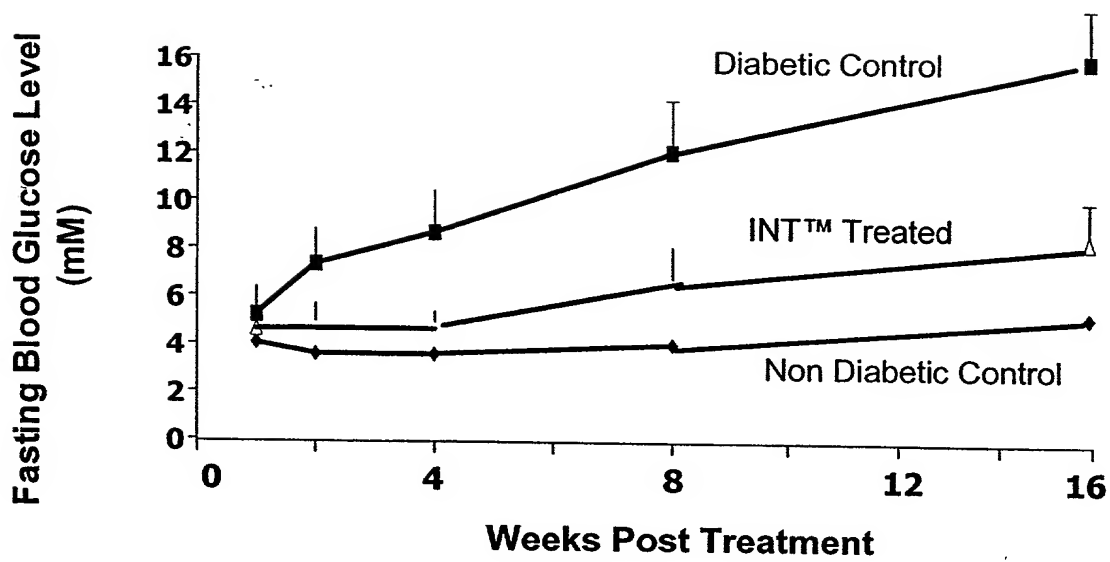


Figure 6

Figure 7 Panel A

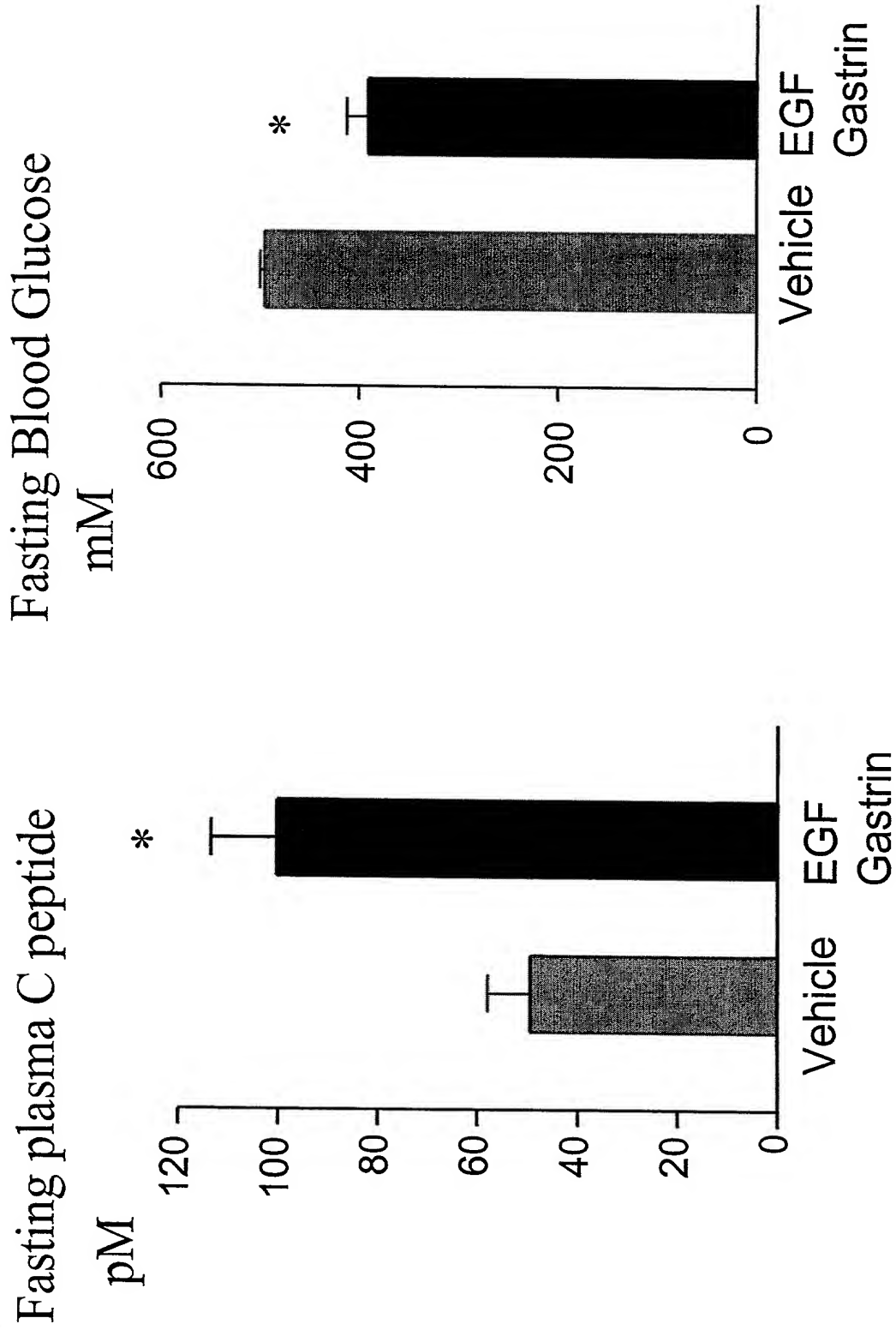
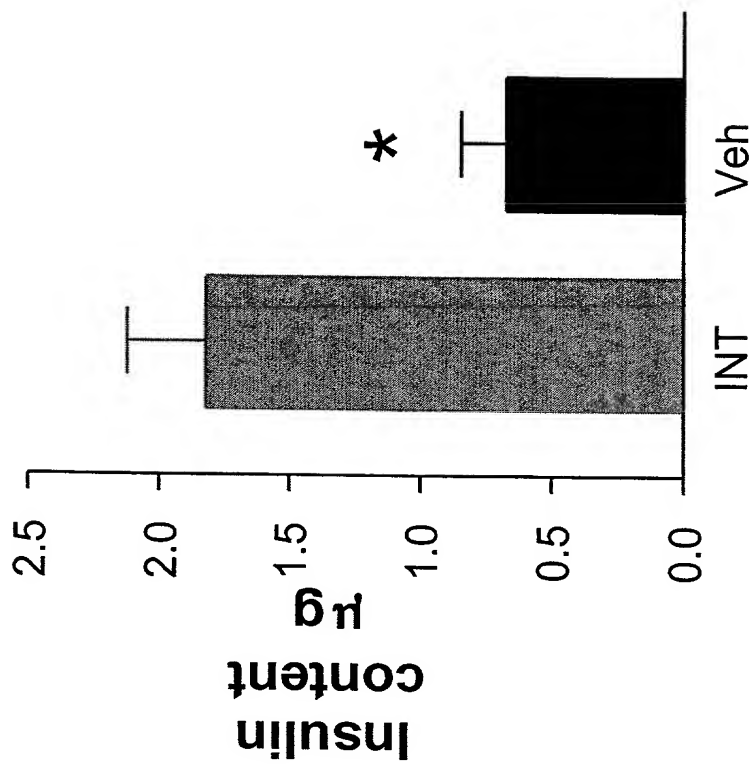


Figure 7 panel B  
Insulin Content



\*  $p < 0.05$

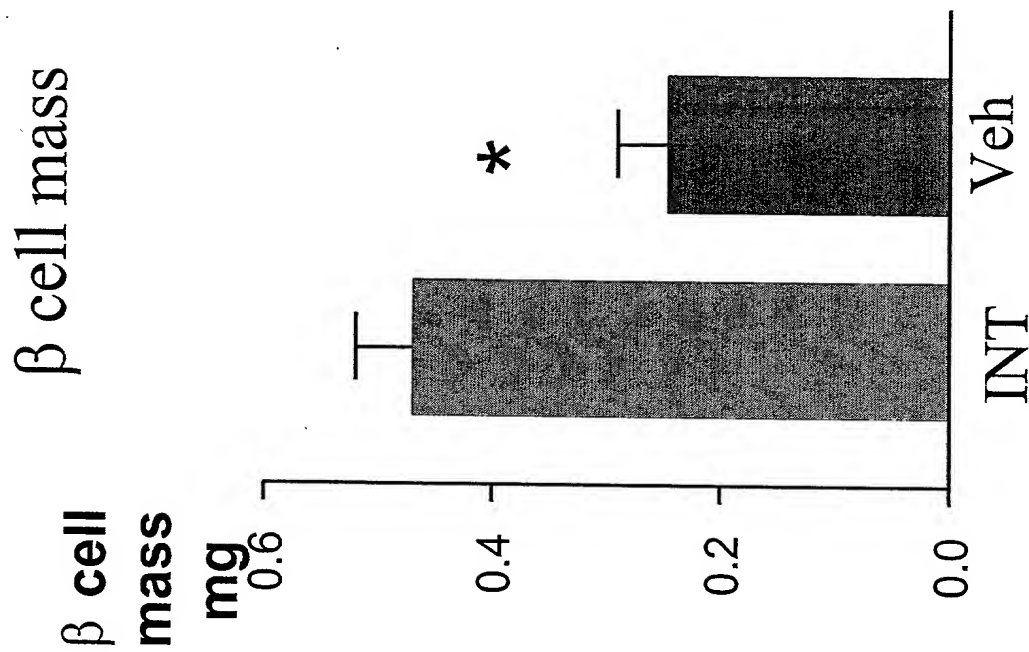
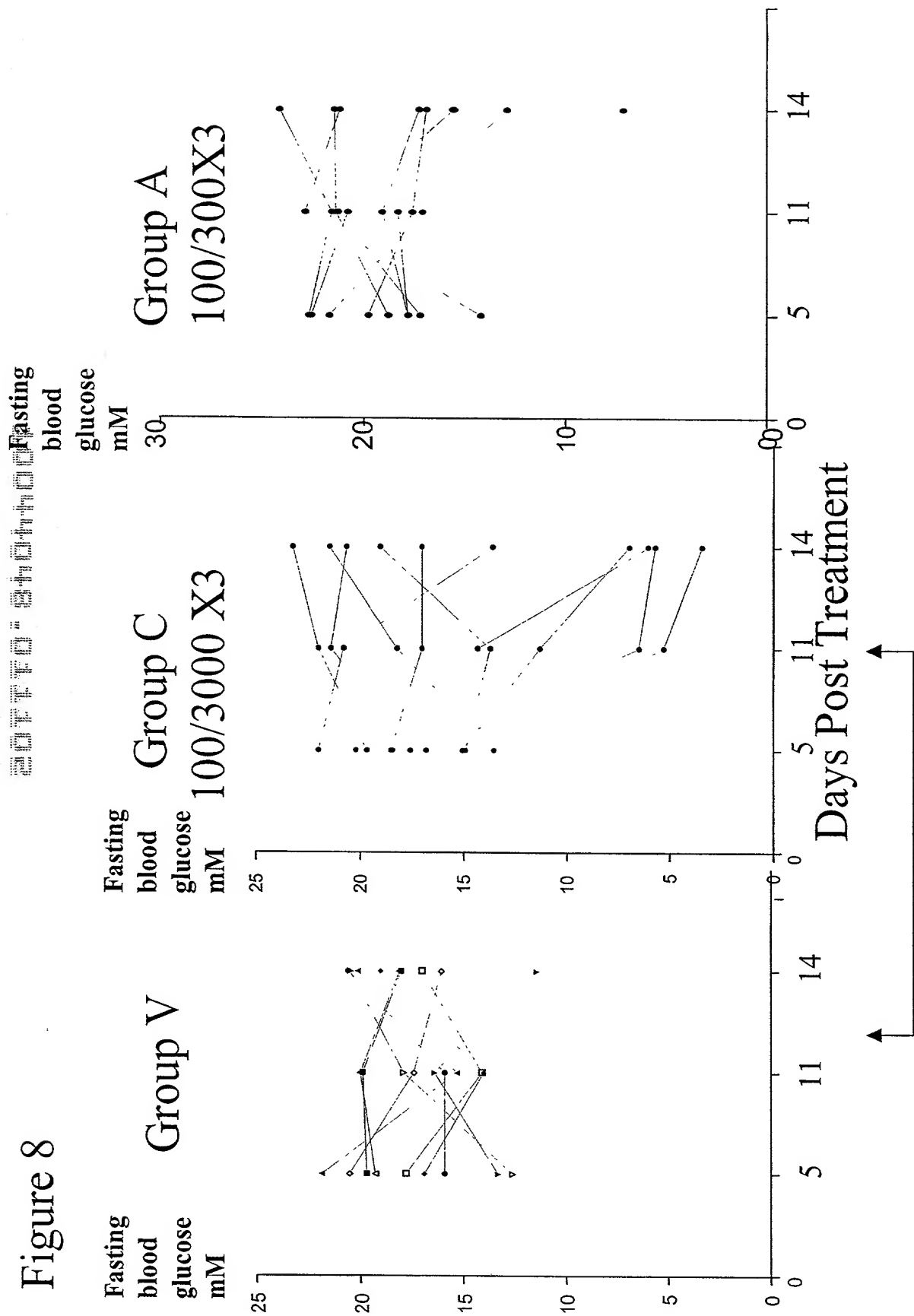


Figure 8



At Day 14 Significant reduction in # diabetic animals  
(Fast blood glucose <10mM) in Group C  $p < 0.05$  Chi<sup>2</sup> test